

Figure 1.

114 112 120 124 126

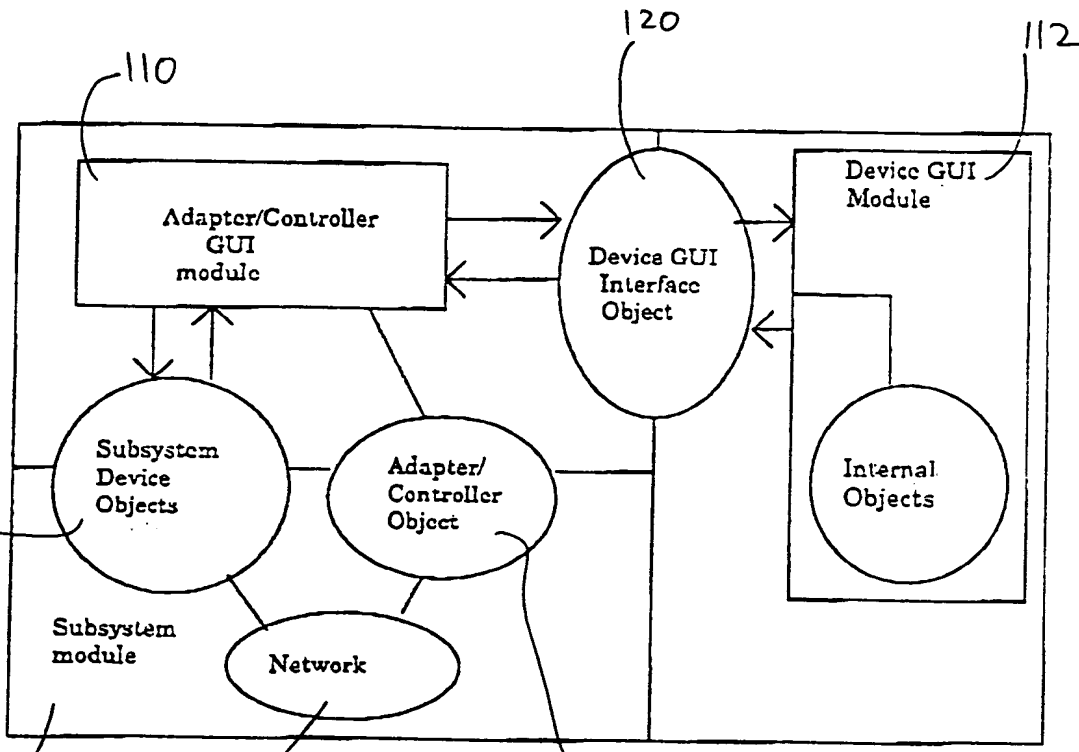


FIG. 2

652501263060

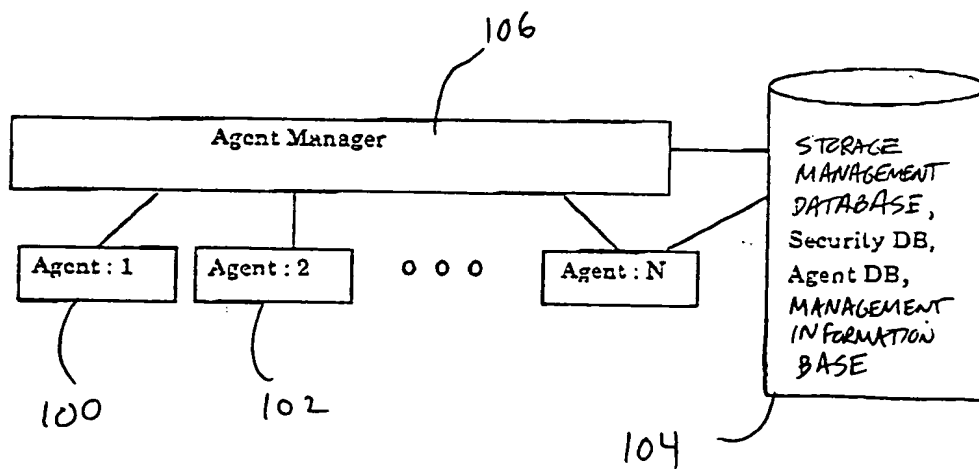


fig. 3

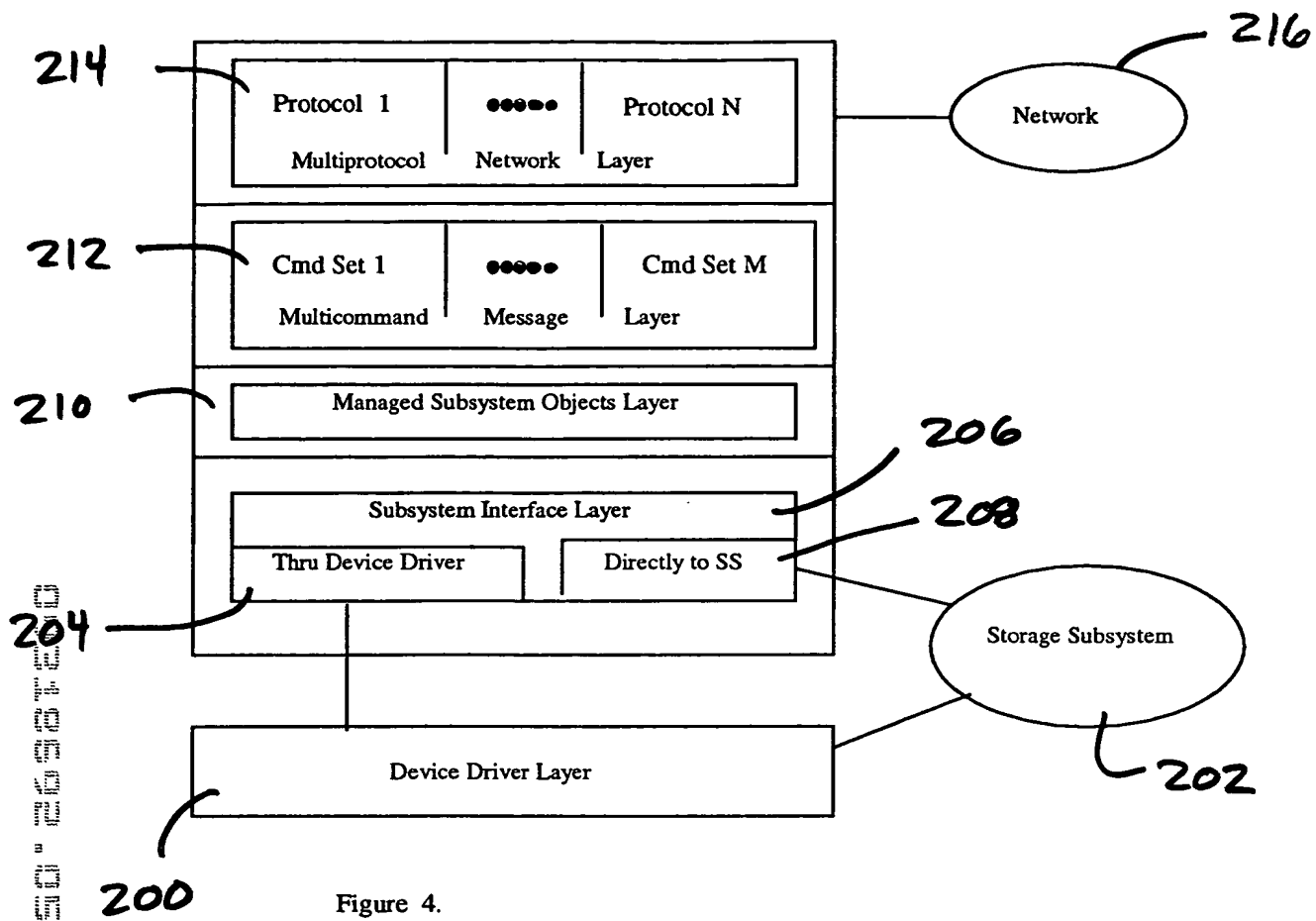
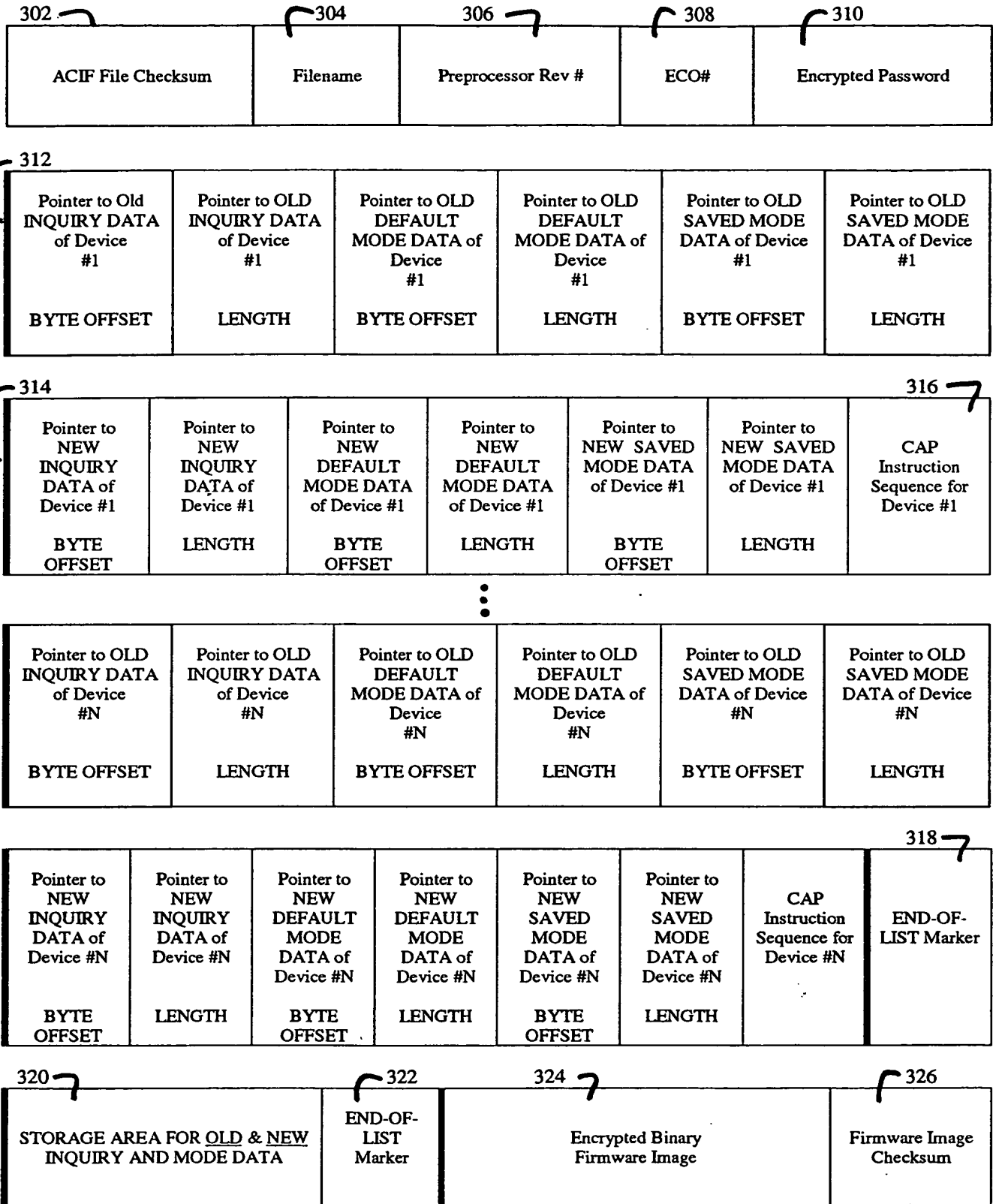


Figure 4.

ACIF File Structure



300

FIGURE 5

GROUP 0 - END OF COMMAND MARKER

FIG. 6

GROUP 1 - SCSI COMMANDS

COMMAND	CAP VARIABLE
SCSI BUS RESET	0x01
BUS DEVICE RESET	0x02
TEST UNIT READY	0x03
REQUEST SENSE	0x04
READ CAPACITY	0x05
REZERO / REWIND	0x06
FORMAT UNIT (Default-> P-List Only)	0x07
FORMAT UNIT (Both P-List and G-List)	0x08
INQUIRY - DEFAULT	0x09
INQUIRY - EVPD - PAGE 00	0x0A
INQUIRY - EVPD - PAGE 01	0x0B
INQUIRY - EVPD - PAGE 02	0x0C
INQUIRY - EVPD - PAGE 03	0x0D
INQUIRY - EVPD - PAGE 80	0x0E
INQUIRY - EVPD - PAGE S1	0x0F
INQUIRY - EVPD - PAGE S2	0x10
INQUIRY - EVPD - PAGE C0	0x11
INQUIRY - EVPD - PAGE C1	0x12
INQUIRY - EVPD - PAGE C2	0x13
INQUIRY - EVPD - PAGE C3	0x14
RESERVE	0x15
RELEASE	0x16
MODE SELECT (6 Byte) - ALL PAGES	0x17
MODE SELECT (10 Byte) - ALL PAGES	0x18
MODE SENSE (6 Byte) - ALL PAGES	0x19
MODE SENSE (10 Byte) - ALL PAGES	0x1A
START UNIT (IMMEDIATE)	0x1B
START UNIT	0x1C
STOP UNIT (IMMEDIATE)	0x1D
STOP UNIT	0x1E
PREVENT MEDIUM REMOVAL	0x1F
ALLOW MEDIUM REMOVAL	0x20
WRITE BUFFER (Mode 4)	0x21
WRITE BUFFER (Mode 5)	0x22
WRITE BUFFER (Mode 6)	0x23
WRITE BUFFER (Mode 7)	0x24

Fig. 7

00500" 2690T E00

GROUP 2 - CUSTOM COMMAND & HANDLING DESCRIPTORS

COMMAND	CAP VARIABLE
MAKE 6-BYTE CDB	0x31
MAKE 10-BYTE CDB	0x32
MAKE 12-BYTE CDB	0x33
SPECIFY WRITE BUFFER OFFSET SIZE (3-BYTE DESCRIPTOR TO FOLLOW)	0x3E
POINT TO OFFSET IN BUFFER	0x3F
SPECIFY IMAGE SIZE (3-BYTE DESCRIPTOR TO FOLLOW)	0x90
WAIT DELAY 5 SECONDS	0x91
WAIT DELAY 10 SECONDS	0x92
WAIT DELAY 20 SECONDS	0x93
WAIT DELAY 30 SECONDS	0x94
WAIT DELAY 60 SECONDS	0x95
WAIT DELAY 90 SECONDS	0x96
WAIT DELAY 120 SECONDS	0x97

FIG. 8

GROUP 3 - SCREEN COMMANDS

COMMAND	CAP VARIABLE
"Please input Decryption Password for this ACIF file"	0xA0
"Scanning BUS - Please wait"	0xA1
"Firmware Update IS REQUIRED"	0xA2
"Firmware Update IS NOT REQUIRED"	0xA3
"MODE Page Update IS REQUIRED"	0xA4
"MODE Page Update IS NOT REQUIRED"	0xA5
"*** DO NOT DISTURB - FIRMWARE DOWNLOAD IN PROGRESS - System Data WILL be retained ***"	0xA6
"*** DO NOT DISTURB - FIRMWARE DOWNLOAD IN PROGRESS - System Data WILL NOT be retained"	0xA7
"*** DOWNLOAD SUCCESSFUL ***"	0xA8
"*** DOWNLOAD FAILED ***"	0xA9
"Now Updating MODE Pages"	0xAA
"MODE Update **SUCCESSFUL**"	0xAB
"MODE Update **FAILED**"	0xAC
"Drive will require REFORMAT after codeload"	0xAD
Now Auto-FORMATting - Please wait... This may take up to 1 hour or more to complete."	0xAE
"FORMAT **SUCCESSFUL**"	0xAF
"FORMAT **FAILED**"	0xB0
"Wait for Drive LED to turn OFF"	0xB1
"*** You must now turn the device power OFF to complete the download process ***"	0xB2
"To complete your update create a label marked Rev [current rev, I.E. C01] and attach to drive"	0xB3
"System Pause - hit any key to continue"	0xB4
"Please wait..."	0xB5

FIG. 9

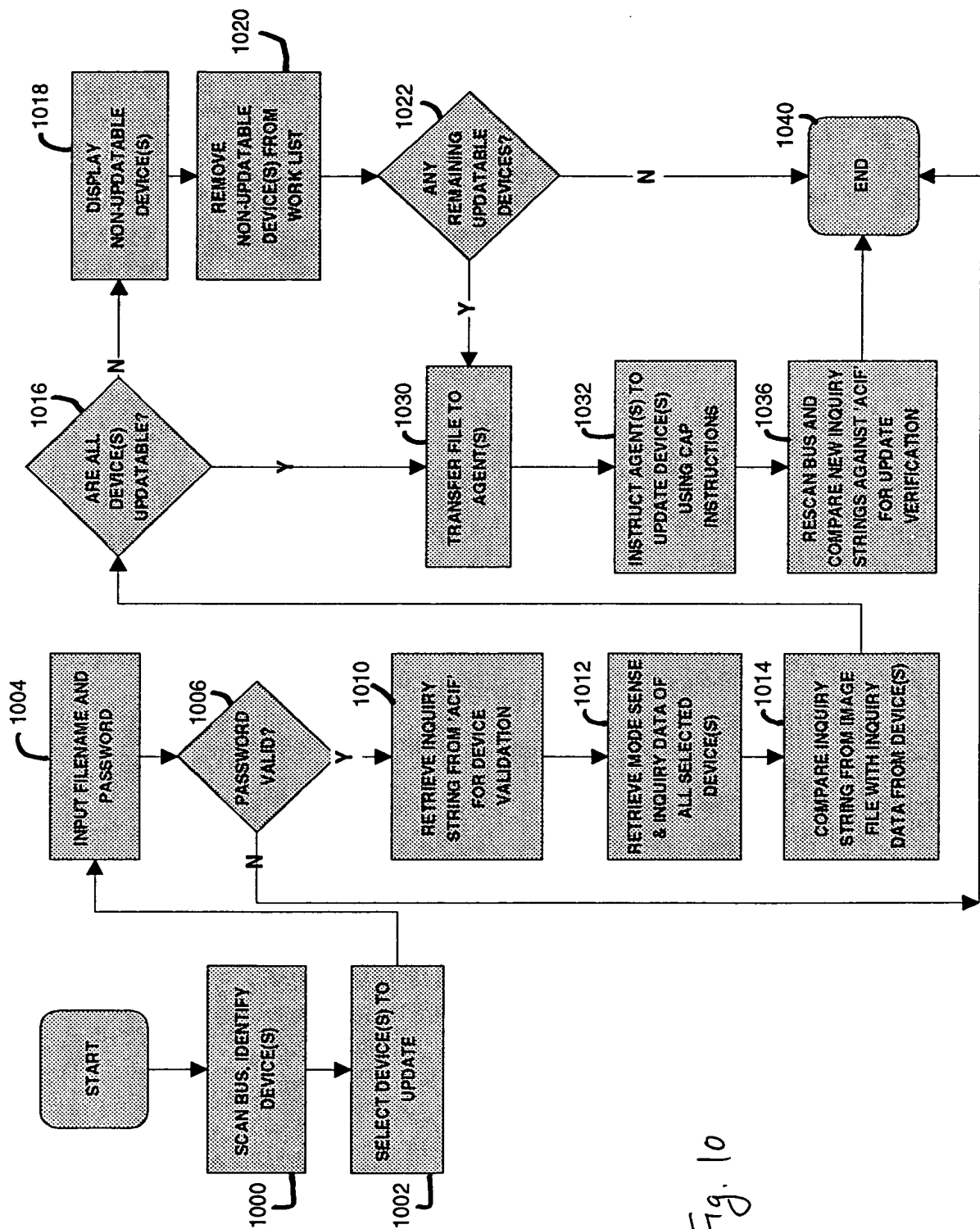


Fig. 10

Header Size	Header Rev	Vendor ID	Product ID	FW Rev	Encrypted Password	Comment	FW Length	Firmware Image
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FIG. 11